

PF-2894
Amendment dated 09/22/2005

09/983,041

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Reply to office action mailed 07/13/2005

Amendments to the Specification:

Please replace the title beginning at page 1, line 4, with the following rewritten title:

COMMUNICATION SYSTEM, TERMINAL DEVICE USED
IN COMMUNICATION SYSTEM, AND COMMUNICATION
METHOD OF DISPLAYING INFORMATION ITEMS ~~INFORMATIONS~~

N.B. Please also amend the Title of Invention as it appears in electronic files of the PTO with the following rewritten title:

COMMUNICATION SYSTEM, TERMINAL DEVICE USED
IN ~~COMMUNICATION~~ COMMUNICATION SYSTEM, AND ~~COMMUNICATION~~
COMMUNICATION METHOD OF DISPLAYING DISPLAYING INFORMATION
ITEMS ~~INFORMATIONS~~

Please replace the paragraphs beginning at page 1, line 10, and continuing to page 1, line 22, with the following rewritten paragraphs:

1. Field of the Invention

The present invention relates to a communication system, and a terminal device used in the communication system as well as a communication method for displaying items of information ~~informations~~.

2. Description of the Related Art

In recent years, internets, e-mails and net-news have become important communication tools for obtaining, receiving and transmitting any ~~informations~~ information items and any data such as multimedia-related data including sounds, voices and images. For example, the e-mail may include text data with one or more

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attached-files such as image data. After receipt of the e-mail, the attached-file may be stored in a computer memory and/or displayed on a computer display screen.

Please replace the paragraph beginning at page 2, line 12, with the following rewritten paragraph:

Some of the e-mail-~~softwares~~ software and web-browser-~~softwares~~ software may have an additional function of controlling or inhibiting the display of ~~informations~~ information items or data as transmitted from one or more pre-designated addresses. For example, one or more e-mail addresses may be recorded in the mail software to enable the mail software to automatically delete any e-mails transmitted from the recorded e-mail addresses. The web-browser may be adjusted to control or inhibit the display of web-pages at one or more pre-designated web-sites.

Please replace the paragraphs beginning at page 3, line 17, and continuing to page 4, line 17, with the following rewritten paragraphs:

Second, even if plural ~~informations~~ information items including plural images are to be displayed on the same display concurrently, the plural images are separately downloaded. In order to reduce the number of necessary downloading times for the image files, the web-browser is ~~adopted~~ adapted to store downloaded image files into a cache-memory and then read the image files out of the cache-memory for displaying the images. This method is effective but only for the same file at the same address over the network. If the same image files are recorded at different web-sites, ~~plural times of~~ multiple downloading operations are necessary. In any ~~events~~ event, those files are ~~once~~ downloaded at least once to be stored in the cache-memory ~~at least one time~~. The conventional communication system does not allow that another

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terminal device of a counter-party displays and/or replays the multimedia data including image and/or voice data designated by the user, without user's operation of downloading the multimedia data.

Third, the conventional communication system is unable to arrange or ~~adopt~~ adapt the received respective ~~informations~~ information items for realizing the desirable display. Namely, the conventional communication system is capable of simply deciding the issue of whether or not each information is displayed. This decision is made according to the sender's address. Thus, it is difficult for the conventional system to realize the desirable display in view of the contents of the received information. Even if the urgent mail is received and simply displayed, then the subscriber or user may be not aware of this mail being urgent. He or she will be aware of the urgency upon viewing the mail description to the effect that this mail is urgent. It is, therefore, desirable to display any mark about priority or alert the priority.

Please replace the paragraph beginning at page 4, line 22, with the following rewritten paragraph:

In the above circumstances, the development of a novel communication system, and a communication device used in the communication system as well as a communication program and a communication method for controlling a display of ~~informations~~ information items free from the above problems is desirable.

Please replace the paragraphs beginning at page 5, line 16, and continuing to page 6, line 19, with the following rewritten paragraphs:

It is ~~a still further another~~ object of the present invention to provide a novel communication system free of any serious problem with communication-traffic delay.

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It is yet a further object of the present invention to provide a novel communication system which arranges or ~~adopts~~ adapts received respective ~~informations~~ information items for realizing the desirable display on a single display screen.

It is ~~further more~~ furthermore an object of the present invention to provide a novel communication system capable of automatically switching or selecting display operations via automatic detection of one or more designated key words from text or titles of the e-mails.

It is moreover an object of the present invention to provide a novel communication system capable of automatically controlling the background display or the effective sound or voice in accordance with character-only-descriptions.

It is ~~still more~~ furthermore an object of the present invention to provide a novel communication system including a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is programmable by user through any available interface in order to optionally define the display-operations in the user's discretion.

It is yet ~~more~~ another object of the present invention to provide a novel communication system including a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is inter-exchangeable between communication devices through a communication network such as ~~internet~~ the Internet.

It is another object of the present invention to provide a novel communication system utilizing a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is common to ~~plural a~~ plurality of users.

Please replace the paragraphs beginning at page 7, line 9, and continuing to page 8, line 5, with the following rewritten paragraphs:

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It is yet a further object of the present invention to provide a novel communication device which arranges or ~~adopts~~ adapts received respective ~~informations~~ information items for realizing the desirable display on a single display screen.

It is ~~further more~~ furthermore an object of the present invention to provide a novel communication device capable of automatically switching or selecting display operations via automatic detection of one or more designated key words from text or titles of the e-mails.

It is moreover an object of the present invention to provide a novel communication device capable of automatically controlling the background display or the sound or voice replay in accordance with character-only-descriptions.

It is ~~still more~~ furthermore an object of the present invention to provide a novel communication device including a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is programmable by user through any available interface in order to optionally define the display-operation in the user's discretion.

It is yet ~~more~~ another object of the present invention to provide a novel communication device including a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is inter-exchangeable between communication devices through a communication network such as ~~internet~~ the Internet.

Please replace the paragraphs beginning at page 8, line 23, and continuing to page 9, line 19, with the following rewritten paragraphs:

It is yet a further object of the present invention to provide a novel communication method which arranges or ~~adopts~~ adapts received respective

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~~informations~~ information items for realizing the desirable display on a single display screen.

It is ~~further more~~ furthermore an object of the present invention to provide a novel communication method capable of automatically switching or selecting display operations via automatic detection of one or more designated key words from text or titles of the e-mails.

It is moreover an object of the present invention to provide a novel communication method capable of automatically controlling the background display or the sound or voice replay in accordance with character-only-descriptions.

It is ~~still more~~ furthermore an object of the present invention to provide a novel communication method including a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is programmable by user through any available interface in order to optionally define the display-operation in the user's discretion.

It is yet ~~more~~ another object of the present invention to provide a novel communication method including a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is inter-exchangeable between communication devices through a communication network such as ~~internet~~ the Internet.

Please replace the paragraphs beginning at page 10, line 15, and continuing to page 11, line 15, with the following rewritten paragraphs:

It is yet a further object of the present invention to provide a novel computer-readable program for implementing desirable communications, which arranges or ~~adopts~~ adapts received respective ~~informations~~ information items for realizing the desirable display on a single display screen.

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It is ~~further more~~ furthermore an object of the present invention to provide a novel computer-readable program for implementing desirable communications capable of automatically switching or selecting display operations via automatic detection of one or more designated key words from text or titles of the e-mails.

It is moreover an object of the present invention to provide a novel computer-readable program for implementing desirable communications capable of automatically controlling the background display or the sound or voice replay in accordance with character-only-descriptions.

It is ~~still more~~ furthermore an object of the present invention to provide a novel computer-readable program for implementing desirable communications, which includes a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is programmable by user through any available interface in order to optionally define the display-operation in the user's discretion.

It is yet ~~more~~ another object of the present invention to provide a novel computer-readable program for implementing desirable communications, which includes a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is inter-exchangeable between communication devices through a communication network such as ~~internet~~ the Internet.

Please replace the paragraph beginning at page 11, line 21, with the following rewritten paragraph:

The present invention provides a communication system including: a communication network; and a plurality of terminal ~~device~~ devices connectable to the communication network for transmitting and receiving an information item through the communication network, wherein the communication system includes at least a

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table which provides at least ~~a~~one retrieval condition and at least ~~a~~one display method corresponding ~~display method to the at least each~~ retrieval condition, so as to enable the terminal device to perform a retrieval to the information item under the at least one retrieval condition and to display the information item in accordance with the ~~at least~~ corresponding display method or methods.

Please replace the paragraphs beginning at page 13, line 15, and continuing to page 21, line 21, with the following rewritten paragraphs:

A first aspect of the present invention is a communication system including: a communication network; and a plurality of terminal ~~device~~ devices connectable to the communication network for transmitting and receiving an information item through the communication network, wherein the communication system includes at least a table which provides at least ~~a~~one retrieval condition and at least ~~a~~one display method corresponding ~~display method to the at least each~~ retrieval condition, so as to enable the terminal device to perform a retrieval to the information item under the at least one retrieval condition and to display the information item in accordance with the ~~at least~~ corresponding display method or methods. The word "table" means to include any types of data groups such as data base, which include inter-relations between data.

It is preferable that the table comprises a key table which defines at least a key object and at least ~~a~~one display method corresponding ~~display method to the key~~ object. It is further preferable that the at least key one object comprise at least one ~~of~~ object selected from the group consisting of key words and key marks.

It is also preferable that the table includes designating data which designate necessary data for displaying the information item in accordance with the at least one corresponding display method.

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It is also preferable that the table includes necessary data for displaying the information item in accordance with the at least one corresponding display method.

It is also preferable that the table is editable.

It is also preferable that the table is transferable through the communication network.

It is also preferable that the information item comprises an e-mail. The e-mail may have at least an attached file.

It is also preferable that the table is stored in a memory of the terminal device.

It is also preferable that the table is open on a server computer on the communication network, so as to enable the terminal device to download the table from the server.

It is also preferable that the terminal device includes: a first function block for performing the retrieval under the retrieval condition with reference to the table; and a second function block for displaying the information item in accordance with the at least one corresponding display method. It is further preferable that the terminal device further includes: a third function block for transmitting and receiving the table through the communication network.

It is also preferable that the terminal device includes: a processing unit; and a memory accessible by the processing unit, and the memory storing a computer program which comprises the steps of: performing the retrieval under the retrieval condition with reference to the table; and displaying the information item in accordance with the at least one corresponding display method. It is further preferable that the computer program further ~~comprising~~ comprise the step of transmitting and receiving the table through the communication network.

A second aspect of the present invention is a terminal device connectable to a communication network. The terminal device comprises: a processing unit; a communication unit electrically coupled to the processing unit for transmitting and

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receiving an information item; a display unit electrically coupled to the processing unit for displaying the information item; an operation unit electrically coupled to the processing unit for operating the terminal device; and a memory unit electrically coupled to the processing unit for storing at least a table which provides at least ~~a one~~ retrieval condition and at least ~~a one display method~~ corresponding ~~display method~~ to ~~the at least each~~ retrieval condition, so as to enable the terminal device to perform a retrieval to the information item under the at one retrieval condition and to display the information item in accordance with the ~~at least~~ corresponding display method or methods.

It is preferable that the table comprises a key table which defines at least ~~a one~~ key object and at least ~~a one display method~~ corresponding ~~display method~~ to the key object. It is also preferable that the at least one key object comprise at least one ~~of~~ object selected from the group consisting of key words and key marks.

It is further preferable that the table includes designating data which designate necessary data for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods. It is also preferable that the table includes the designated necessary data for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods.

It is also preferable that the table is editable.

It is also preferable that the table is transferable from the communication unit through the communication network.

It is also preferable that the information item comprises an e-mail. It is further preferable that the e-mail has at least an attached file.

It is also preferable that the terminal device includes: a first function block for performing the retrieval under the retrieval condition with reference to the table; and a second function block for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods. It is further preferable that the

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terminal device further includes: a third function block for transmitting and receiving the table through the communication network.

It is also preferable that the memory stores a computer program comprising the steps of: performing the retrieval under the retrieval condition with reference to the table; and displaying the information item in accordance with the ~~at least~~ corresponding display method or methods.

It is further preferable that the computer program further comprising the step of transmitting and receiving the table through the communication network.

A third aspect of the present invention is a terminal device connectable to a communication network. The terminal device includes: a first function block for performing a retrieval to an information item under ~~at least~~ a retrieval condition; and a second function block for displaying the information item in accordance with ~~at least~~ a display method or methods corresponding ~~display method~~ to the ~~at least~~ a retrieval condition.

It is preferable that the at least one retrieval condition and the ~~at least~~ corresponding display method or methods are recorded on a table. It is further preferable that the table comprises a key table which defines at least a key object and at least ~~a one~~ display method corresponding ~~display method~~ to the key object.

It is also preferable that the table includes designating data which designate necessary data for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods.

It is also preferable that the table includes necessary data for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods.

It is also preferable that the table is editable.

It is also preferable that the table is transferable from the communication unit through the communication network.

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It is also preferable that the information item comprises an e-mail. It is further preferable that the e-mail has at least an attached file.

A fourth embodiment of the present invention is a method of displaying an information item, comprising the steps of: performing a retrieval to an information item under at least ~~a one~~ retrieval condition; and displaying the information item in accordance with ~~at least a~~ display method or methods corresponding ~~display method~~ to ~~the at least a~~ each retrieval condition.

It is also preferable that the retrieval is performed with reference to at least a table which provides at least ~~a one~~ retrieval condition and ~~at least a~~ display method or methods corresponding display method to ~~the at least each~~ retrieval condition, and the information item is displayed in accordance with the ~~at least~~ corresponding display method or methods. It is further preferable that the table comprises a key table which defines at least ~~a one~~ key object and ~~at least a~~ display method or methods corresponding ~~display method~~ to the key object. It is further preferable that the at least one key object comprise at least one ~~of object~~ selected from the group consisting of key words and key marks.

It is also preferable that the table includes designating data which designate necessary data for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods. It is also preferable to further ~~comprise~~ include the step of: reading out the necessary data in accordance with the designating data before displaying the information.

It is also preferable that the table includes necessary data for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods.

It is also preferable that the information item comprises an e-mail. It is further preferable that the e-mail has at least an attached file.

A fifth aspect of the present invention is a computer program of displaying an information item. The computer program comprises: performing a retrieval to an

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information item under at least a retrieval condition; and displaying the information item in accordance with ~~at least a~~ display method or methods corresponding ~~display method~~ to the ~~at least a~~ retrieval condition.

It is also preferable that the retrieval is performed with reference to at least a table which provides at least ~~a one~~ retrieval condition and ~~at least a~~ display method or methods corresponding display method to the ~~at least~~ retrieval condition, and the information item is displayed in accordance with the ~~at least~~ corresponding display method or methods. It is also preferable that the table comprises a key table which defines at least ~~a one~~ key object and ~~at least a~~ display method or methods corresponding ~~display method~~ to the key object. It is further preferable that the at least one key object comprise at least one ~~of object~~ selected from the group consisting of key words and key marks.

It is also preferable that the table includes designating data which designate necessary data for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods. It is also preferable to further ~~comprise~~ include the step of: reading out the necessary data in accordance with the designating data before displaying the information.

It is also preferable that the table includes necessary data for displaying the information item in accordance with the ~~at least~~ corresponding display method or methods.

It is also preferable that the information item comprises an e-mail. It is also preferable that the e-mail has at least an attached file.

FIRST EMBODIMENT:

A first embodiment according to the present invention will be described in detail with reference to the drawings. A novel communication system of the present invention ~~allows provides~~ that ~~informations~~ information items including e-mails are displayed under automatic control in accordance with a display method pre-designated depending on the ~~informations~~ information items. For example, if a

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predetermined mark is described in the text of the e-mail or in the title thereof, the predetermined mark is displayed as an image on the display screen with or without scrolling the display screen.

Not only the sender's address but also the text data and title of the e-mail may be browsed and retrieved to select one of the plural display measures for displaying the ~~the informations~~ information items.

Although the following descriptions will be made by taking an example of displaying the e-mail with or without one or more attached files, but the descriptions would, of course, be applicable to displaying other contents such as net-news and web-pages of the ~~internet~~ Internet. FIG. 1 illustrates the internal structure of the terminal device used in the novel communication system. A novel terminal device 100 includes a central processing unit 10, a display unit 20, an operation unit 30, a communication unit 40, and a memory which includes a random access memory 50 and a read only memory 60.

The display unit 20 is electrically connected to the central processing unit 10 for displaying the ~~the informations~~ information items under the control of the central processing unit 10. The operation unit 30 is electrically connected to the central processing unit 10 for enabling the user to operate the terminal device 100 under the control of the central processing unit 10. The operation unit 30 provides an interface to the user. The communication unit 40 is electrically connected to the central processing unit 10 for transmitting and receiving the e-mail with or without one or more attached files under the control of the central processing unit 10. The random access memory 50 mainly stores the data, to which the central processing unit 10 is accessible for operations. The read only memory 60 mainly stores one or more programs to be implemented for operation of the central processing unit 10.

The terminal device 100 may include any communication terminal devices and any information terminal devices of mobile and non-mobile types and ~~wire-less~~ wireless and wired types. The information terminal devices may, for example, be any

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installed type personal computers, any ~~potable~~ portable type personal computers and any personal digital assistants. The communication terminal devices may, for example, be any mobile phones and any personal handy-phone systems having additional communication functions for e-mail communication services and information providing services such as i-mode.

Please replace the paragraphs beginning at page 22, line 1, and continuing to page 22, line 12, with the following rewritten paragraphs:

The operation unit 30 may comprise any available input devices such as key boards, key buttons, and input buttons for any necessary operations including designation of the information item to be displayed.

The communication unit 40 performs transmitting and receiving e-mails with or with out one or more attached files as well as connecting the device to any network system such as the ~~internet~~ Internet. If the device 100 is the ~~wire-less~~ wireless type communication device, then the communication unit 40 may have any available antenna for transmitting and receiving radio waves. If the device 100 is the wired type communication device, then the communication unit 40 may have any available communication interface such as modem or terminal adapter to the existent wired communication lines.

Please replace the paragraphs beginning at page 22, line 19, and continuing to page 26, line 5, with the following rewritten paragraphs:

The issue of integration of the above structural elements may be optional. In FIG. 1, all of the above structural elements are integrated in the device 100. It is optional that some of the above structural elements are not integrated. With reference to FIG. 2, the above novel terminal device 100 may be the ~~wire-less~~ wireless ~~potable~~

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portable type personal computer. The computer 100 includes the display panel 20, the optional unit 30 and the antenna 41 which are not integrated.

The above terminal device may be used in any available communication network systems. A communication network system shown in FIG. 3 is one example of the available communication network systems. The system includes an ~~inter-net~~ Internet 200, a base station 210 connected to the ~~inter-net~~ Internet 200, first and second ~~inter-net~~ Internet service providers 220A and 220B connected to the ~~inter-net~~ Internet 200, a wired ~~potable~~ portable personal computer 110 connected to the second ~~inter-net~~ Internet service provider 220B, a wired installed type personal computer 120 connected to the first ~~inter-net~~ Internet service provider 220A, and first and second ~~wire-less~~ wireless terminal devices 100A and 100B electrically coupled to the base station 210.

Data communications are made between the base station 210 and the first and second ~~wire-less~~ wireless terminal devices 100A and 100B through radio waves. Each of the base station 210 and the first and second ~~internet~~ Internet service providers 220A and 220B may have a server system for accumulating and distributing e-mails. Data communications among the base station 210 and the first and second ~~inter-net~~ Internet service providers 220A and 220B are made through the ~~internet~~ Internet 200. Each of the first and second ~~wire-less~~ wireless terminal devices 100A and 100B, the wired ~~potable~~ portable personal computer 110 and the wired installed type personal computer 120 has the conventional functions of connecting to the ~~internet~~ Internet 200 and receiving and sending the e-mails with or without one or more attached files.

The following description will be made, assuming that the first and second ~~wire-less~~ wireless terminal devices 100A and 100B have not only the above conventional functions but also novel functions described below in connection with the present invention, whilst the wired ~~potable~~ portable personal computer 110 and

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the wired installed type personal computer 120 have the above conventional functions only.

With reference to FIG. 4, the e-mail 70 may include a title 71, ~~an~~ a sender's e-mail address 72, a receiving date 73 and a content 74. Upon receipt of the e-mail 70, the first and second ~~wire-less~~ wireless terminal devices 100A and 100B judge whether the received e-mail includes one or more pre-designated key words or key marks. The first and second ~~wire-less~~ wireless terminal devices 100A and 100B have one or more key word tables which define operations of how to display the e-mails in accordance with the detected key words and/or key marks. There is no particular limitation to the key word tables. The key word table may include one or more predetermined key words and/or one or more key marks as well as predetermined display operations correspondent to the predetermined key words or key marks. Namely, the key word table may include at least one key word or one key mark.

One example of the available key word tables may be as shown in FIG. 5. A key word table 80 includes three predetermined ~~three~~ key words and a single key mark and four sets of predetermined background images and predetermined effective sounds in correspondence with the three key words and the single key mark. If the first key word "urgent" is detected by the device, then the device displays the predetermined background image 1 with or without replaying the predetermined effective sound 1. If the second key word "congratulation" is detected by the device, then the device displays the predetermined background image 2 with or without replaying the predetermined effective sound 2. If the third key word "get married" is detected by the device, then the device displays the predetermined background image 3 with or without replaying the predetermined effective sound 3. If the first key mark "♡" is detected by the device, then the device displays the predetermined background image 4 with or without replaying the predetermined effective sound 4.

The first ~~wire-less~~ wireless terminal device 100A may receive e-mails transmitted through the network system of FIG. 3 from the second ~~wire-less~~ wireless

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terminal device 100B, the wired ~~potable~~ portable personal computer 110 and the wired installed type personal computer 120. The first ~~wire-less~~ wireless terminal device 100A has the antenna 41 which receives the radio wave transmitted from the base station 210. The radio wave is converted by the antenna 41 to an analog signal. The analog signals are then demodulated by the communication unit 40 into digital data. The digital data are transmitted to the central processing unit 10. The digital data are then stored in the random access memory 50 as e-mail data shown in FIG . 4. The user operates the operation unit 30 to display the e-mail on the display unit 20.

The first ~~wire-less~~ wireless terminal device 100A performs the operations of displaying the received e-mail as shown in FIG. 6. In a step 401, the user operates the operation unit 30 to designate one of the e-mails 70 stored in the random access memory 50. In a step 402, in accordance with the computer program having read out from the read only memory 60, the central processing unit 10 retrieves one or more predetermined key words or key mark with reference to the key word table 80 stored in the random access memory 50. The extent of the retrieval is optional. The key words or the key mark may be retrieved from the title 71 alone or in combination with the e-mail content or text data 74.

Please replace the paragraphs beginning at page 28, line 4, and continuing to page 28, line 22, with the following rewritten paragraphs:

The key word table 80 may be edited, changed or revised or modified in the user's discretion. The key objects such as the key words or the key marks may be rewritten by the user through operating the operation unit. The display operations such as the background image and the effective sound by the user through operating the operation unit. Namely, the user ~~enables~~ is able to make the key table in his or her discretion. Namely, the key word table may be edited and is exchangeable to other

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device. It is, of course, possible to set the common key word table to plural different users for the plural different terminal devices.

It is also possible that one or more prepared key word tables may be opened on a web-site of the ~~internet~~ Internet established by an administrator, so that the users may have accesses to the web-site for downloading the key word tables.

Please replace the paragraphs beginning at page 29, line 11, and continuing to page 30, line 3, with the following rewritten paragraphs:

The above first embodiment may be modified in the key word table as FIG. 8. In the first embodiment, as described above, the image data and the effective sound data corresponding to the respective key word or key mark are stored in the memory in the form of the image file and the effective sound file, wherein the image file and the effective sound file may be read out by designating directly paths thereof. The above key word table 80 of FIG. 5 has no substantive image data and ~~the no~~ effective sound data. The key word table 80 has the data defining the image data and the effective sound data stored in the memory.

By contrast to the above key word table 80 of FIG. 5, the key word table 80a of FIG. 8 has the substantive image data and the effective sound data. It is unnecessary to ~~have make~~ accesses to the memory for reading out the substantive image data and the effective sound data from the memory. The display may be carried out by access to the key word table 80a only. Namely, the key word table 80a includes all of the necessary data for displaying the background image and replaying the effective sounds in displaying the e-mail.

Please replace the paragraph beginning at page 32, line 9, with the following rewritten paragraph:

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It is also possible that one or more prepared key word tables may be opened on a web-site of the ~~internet~~ Internet established by an administrator, so that the users may have accesses to the web-site for downloading the key word tables.

Please replace the paragraph beginning at page 34, line 21, with the following rewritten paragraph:

The above-described novel communication system arranges or ~~adopts~~ adapts received respective ~~informations~~ information items for realizing the desirable display on a single display screen.

Please replace the paragraphs beginning at page 35, line 4, and continuing to page 35, line 12, with the following rewritten paragraphs:

The above-described novel communication system includes a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is programmable by the user through any available interface in order to optionally define the display-operations in the user's discretion.

The above-described novel communication system includes a display-operation-defining table which defines the display operation, wherein the display-operation-defining table is inter-exchangeable between communication devices through a communication network such as the ~~internet~~ Internet .